

PERSHIN M.V.
PERSHIN, M.V., inzh.

Practices at up-to-date construction projects. *Stroitel'stvo*. *Stroitel'stvo*.
14 no.7:1-7 *Stroitel'stvo* '57 (MIRA 10:11)

1. Gosstroy SSSR. (Construction industry)

PERSHIN, N.I.; ALEKSANDROV, V.I.; ILLERITSKIY, N.Ye.; TABACHKOV, I.F.;
BOL'SHAKOV, V.I.; KANAR', I.A.; YAS'KO, A.M.; KLYUKIN, A.P.;
POLYAKOV, V.S.; FILIPPOVA, N.A.; SMAGORINSKIY, B.S., red.;
IZHBOLDINA, S.I., tekhn. red.

[The millionth tractor; on the occasion of the 30th anniversary of the Stalingrad Tractor Plant (1930-1960)] Millionnyi traktor; k 30-letiiu Stalingradskogo traktornogo zavoda (1930-1960). Stalingrad, Stalingradskoe knizhnoe izd-vo 1960. 94 p. (MIRA 16:9)

1. Stalingradskiy traktornyy zavod im. Dzerzhinskogo.
(Volgograd--Tractor industry)

PERSHIN, N. M.

PERSHIN, N. M. -- "Methods of Obtaining Hybrids of Different Types of Castor Beans in Connection with the Selective Process of Fertilization." Published by "Sovetskiy Kuban'". Min Higher Education USSR. Kuban' Agricultural Inst. Krasnodar, 1955. (Dissertation for the Degree of Candidate of Agricultural Sciences.)

SO: Knizhnaya Letopis', No 5, Moscow, Feb 1956

ACC NR: AP6036700

(A)

SOURCE CODE: UR/0170/66/011/005/0634/0638

AUTHOR: Mikhal'chenko, R. S.; Gerzhin, A. G.; Pershin, N. P.

ORG: Physico-Technical Institute of Low Temperatures, AN UkrSSR, Khar'kov (Fiziko-tekhnicheskii institut nizkikh temperatur AN UkrSSR)

TITLE: Use of the flat plate method to study thermophysical properties of high efficiency insulation at low temperatures

SOURCE: Inzhenerno-fizicheskii zhurnal, v. 11, no. 5, 1966, 634-638

TOPIC TAGS: insulating material, thermal insulation, low temperature insulation

ABSTRACT: The insulation properties of vacuum vessels were studied by constructing a special calorimeter of sufficiently simple geometry to eliminate fringe effects and parasitic thermal currents. Its construction also allows study of the effectiveness of powders, fibers and cellular materials as insulators at heat flow rates of 15 to 50,000 microwatt/cm². The temperature range was 4.2 to 373°K. The insulator samples were studied at pressures between 13.3 and $13.3 \cdot 10^{-6}$ Newtons per m². Schematics are given to show the calorimeter construction and measuring arrangements. The preliminary testing determined the measurement accuracy to be about ±5%. The greatest contribution to the error is from nonuniformity of the heat conduction coefficients in the sampled materials. The authors conducted tests on the effectiveness of many materials,

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UDC: 536.2.081.7

ACC NR: AF6036700

but include the results of three materials only. The table includes the effective coefficient for heat conduction of polyethelene plates aluminized on one side, thin aluminum foil sandwiched between layers of fiberglass (type SBR-M) of 40 mirror thickness, and fiber diameter of 5-7 microns, and, finally, penoplastic of type PSB. The second of these materials was found to have the lowest coefficient of conduction. Orig. art. has: 3 figures, 1 table.

SUB CODE: 11,13/

SUBM DATE: 28Mar66/

ORIG REF: 002/

OTH REF: 004

Card 2/2

PERSHIN, P. [Perahyn, P.], akademik

Science will become a direct productive power. Nauka i zhyttia
12 no.4:29-31 Ap '62. (MIRA 15:8)

1. AN UkrSSR.
(Russia—Economic conditions) (Science—Social aspects)

PERSHIN, P., akad. (Kiyev)

Ways of bridging the gap between collective farm-cooperative
property and public property. Vop.ekon. no.5:16-32 My '59.
(MIRA 12:9)

1. AN USSR.

(Collective farms)

PERSHIN, P.I.

rural areas should be provided with outstanding telecommunication services. Vest. svyazi 25 no.9:20 S '65. (MIRA 18:9)

1. Zamestitel' nachal'nika Zhitomirskogo oblastnogo upravleniya svyazi.

SPIVAK, M.S., glavnyy redaktor; BILOZUB, V.G., redaktor; VASILENKO, P.M., redaktor; ZOEIN, I.G., redaktor; IL'CHENKO, I.K., redaktor; KOVAL', O.G., redaktor; KRILOV, O.F., redaktor; PUEHAL'S'KIY, A.V., redaktor; SIDORENKO, O.P., redaktor; PUDCHENKO, O.N., redaktor; ANGELINA, P.M., redaktor; BUZANOV, I.F., redaktor; BOYKO, D.V., redaktor; BURKATS'KA, G.E., redaktor; VASILENKO, A.O., redaktor; VLASYUK, P.A., redaktor; GORODNIY, M.G., redaktor; DEMIDENKO, T.T., redaktor; DUBKOVETS'KIY, F.I., redaktor; KIRICHENKO, P.G., redaktor; LITOVCHENKO, G.P., redaktor; OZERNIY, M.O., redaktor; PERSHIN, P.M., redaktor; POPOV, F.A., redaktor; POSMITNIY, M.O., redaktor; PSHEKICHNIY, P.D., redaktor; RADCHENKO, B.P., redaktor; POMANENKO, S.S., redaktor; RUBIN, S.S., redaktor; SAVCHENKO, M.Kh., redaktor; SOKOLOVS'KIY, O.N., redaktor; TSIBENKO, K.O., redaktor; SHCHERBINA, O.P., redaktor; KRAVCHENKO, M.F., tekhnichnyy redaktor

[Collective farm encyclopedia] Kolhospna vyrobnycha ensyklopediia. Vyd. 2-e, perer. i dop. Kyiv, Derzh.vyd-vo sil's'kohospodars'koi lit-ry URSR. Vol.1. Abrykos - Liutserna. 1956. 756 p. (MLRA 9:9)
(Agriculture--Encyclopedias and dictionaries)

PERSHIN, P.M., akademik, vidpovaldal'nyy redaktor; ZIL'BAN, M.S., redaktor
vidavnitstva; KOLOMIYCHUK, V.O., tekhnicheskij redaktor

[labor and cost in collective farm production] Zatrasty pratsi i
sobivartist' sil's'kohospodars'koi produktsii v kolhospakh. Kyiv,
1956. 78 p. (MLRA 10:8)

1. Akademiya nauk URSS, Kiyev. Institut ekonomiki. 2. Akademiya
nauk URSS (for Pershin)
(Collective farms--Accounting)

PERSHIN, P.M.

PERSHIN, P.M. [Pershyn, P.M.], akademičnyy, vidpovidal'nyy red. ; KOZAKEVICH, T.A., red.vid-va; SHVEDOV, L.M., tekhn. red.

[Problems in the economical use of newly irrigated land in the southern Ukraine] Pytannia hospodars'koho vykorystannia vpershe zroshuvanykh zemel' pivdnia Ukrainy'koi RSR; materialy kompleksnykh pivdennoukrains'kykh ekspedytsii pid kerivnytstvom akademika AN URSS P.M.Pershyna. Kyiv, 1957. 230 p. (MIRA 11:5)

1. Akademiya nauk URSS, Kiyev. Bada po vivchennyu produktivnikh sil URSS. Institut ekonomiki. 2. Akademiya nauk URSS (for Pershin) (Ukraine-Irrigation farming)

GOLIKOV, Vladimir Ivanovich [Golykov, V.I.]; ~~PERSHIN~~, P.M. [Pershyn, P.M.], akademik, otv.red.; KOZAKEVICH, T.A. [Kozakevych, T.A.], red.; KUNIIY, R.O., tekhn.red.

[Ways to reduce the costs of state farm production] Shliakhy znyzhernia sobivartosti radhospnoi produktsii. Kyiv, Vyd-vo Akad.nauk URSR, 1960. 105 p. (MIRA 15:5)

1. AN USSR (for Pershin).
(Ukraine--State farms--Costs)

~~PERSHIN, P.N., red.~~

[Economic problems in planning operating centers for collective farms and machine-tractor stations] Ekonomicheskie voprosy planirovki khoziaistvennykh tsentrov kolkhozov i MTS. Moskva, Gos. izd-vo selkhoz. lit-ry, 1957. 351 p. (MIRA 11:4)
(Collective farms) (Machine-tractor stations)

PERSHIN, P. N. (EDITOR)

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PUTI SNIZHENIYA ZATRAT TRUDA V SEL'SKOM KHOZYAYSTVE [WAYS OF REDUCING
LABOR COSTS IN AGRICULTURES] MOSKVA, SEL'KHOZGIZ, 1956.

221 P. TABLES. AT HEAD OF TITLE: AKADEMIYA UKRAINSKOY NAUK. INSTYTUT
EKONOMIKY.

PERSHIN, P.N.

ROMANENKO, Il'ya Nikanorovich; PERSHIN, P.N., akademik, redaktor; KOZAK,
I.P., redaktor izdatel'stva; YERMILOV, M.T., tekhnicheskiy redaktor

[Development of productive stockraising in the Ukraine] Razvitie
produktivnogo zhivotnovodstva Ukrainskoi SSR. Pod red. P.N.Pershina.
Kiev, Izd-vo Akad. nauk USSR, 1957. 358 p. (MLRA 10:6)

1. Akademiya nauk USSR (for Pershin)
(Ukraine--Stock and stockbreeding)

PERSHIN, P. N.

SPIVAK, M.S., glavnyy redaktor; BELOZUB, V.G., redaktor; VASILENKO, P.M., redaktor; ZORIN, I.G., redaktor; IL'CHENKO, I.K., redaktor; KOVAL, A.S., redaktor; KRYLOV, A.F., redaktor; PUKHAL'SKIY, A.V., redaktor; SIDORENKO, A.P., redaktor; RADCHENKO, A.N., redaktor; ANGELINA, P.N., redaktor; BUZANOV, I.P., redaktor; BOYKO, D.V., redaktor; BURKATSKAYA, G.Ye., redaktor; VASILENKO, A.A., redaktor; VLASYUK, P.A., redaktor; GORODNIY, N.G., redaktor; DEMIDENKO, T.T., redaktor; DUBKOVETSKIY, F.I., redaktor; KURICHENKO, P.G., redaktor; LITOVCHENKO, G.P., redaktor; OZERINYY, M.Ye., redaktor; PERSHIN, P.N., redaktor; POPOV, P.A., redaktor; POSMITNYY, M.A., redaktor; PSHENICHNYY, P.D., redaktor; RADCHENKO, B.P., redaktor; ROMANENKO, I.N., redaktor; RUBIN, S.S., redaktor; SAVCHENKO, M.Kh., redaktor; SOKOLOVSKIY, A.N., redaktor; TSYBENKO, K.Ye., redaktor; KOVAL'SKIY, V.F., tekhnicheskiy redaktor

[Practical collective farm encyclopedia] Kolkhoznaya proizvodstvennaya entsiklopediya. Izd. 2-oe, ispr. i dop. Kiev, Gos. izd-vo sel'khoz. lit-ry USSR. Vol. 1. Abrikos - liutserna. 1956. 688 p. (MLRA 10:9)
(Agriculture--Dictionaries)

GEL'MAN, V.M., kandidat ekonomicheskikh nauk; ~~PERSHIN~~; P.N., akademik,
redaktor; BANHIKOV, N.I., redaktor; MUSHTAKOVA, L.P., tekhnicheskiiy
redaktor

[Ways of reducing labor expenditure in agriculture] Puti snizhenia
zatrat truda v sel'skom khoziaistve. Pod red. P.N.Pershina. Moskva,
Gos. izd-vo sel'khoz. lit-ry, 1956. 221 p. (MLRA 10:3)

1. Akademiya nauk URSR, Kiyev. Institut ekonomiki.
(Agriculture--Economic aspects)
(Farm management)

BOGHKOV, Nikolay Vasil'yevich, professor, doktor ekonomicheskikh nauk;
PERSHIN, P.N., doktor ekonomicheskikh nauk; SNEGIREV, M.A.,
kandidat sel'skokhozyaystvennykh nauk; SHARAPOV, V.P., doktor
istoricheskikh nauk [deceased]; OZEROV, V.N., redaktor; BALLOD,
A.I., tekhnicheskii redaktor

[The history of land relationships and the organization of land use]
Istoriia zemel'nykh otnoshenii i zemleustroistva. Pod red. N.V.Boch-
kova. Moskva, Gos. izd-vo selkhoz. lit-ry, 1956. 247 p. (MLRA 9:8)
(Land tenure) (Agriculture)

ca

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Abstract poisoning of a catalyst of the tin-barium-vanadium type, which was poisoned preliminarily with a catalyst poison. I. E. Adonov, P. E. Pyrahin and G. V. Fedorovskii. *J. Applied Chem.* (U. S. S. R.) 6, 707-710 (1953).—The authors assumed that the poisoning of the catalyst with As depends upon the conversion of As_2O_3 to As_2O_5 on the catalyst, which takes place on other active centers than those of the oxidation of SO_2 to SO_3 . Therefore, if the active centers which promote the conversion of As_2O_3 to As_2O_5 are poisoned, i. e., occupied by adsorbed molecules of another catalyst poison, then a further poisoning with As cannot take place. A catalyst which has been poisoned to the limit with respect to its catalytic activity observed in poisoning with As will not show any further lowering in its catalytic activity and it will not hold any As. The Sn-Ba-V catalyst was poisoned with illuminating gas to a slightly higher degree than with As poisoning. It was justifiable to assume that all centers which assured the conversion of As_2O_3 to As_2O_5 were excluded from the catalytic activities. The catalyst, after having been poisoned preliminarily, was then poisoned with As_2O_3 , the amt. of As on the basis of 17 cc. of the catalyst amounting to 10.2 g. As_2O_3 at a corresponding duration of the poisoning action of 186 hrs. In spite of such a great amt. of As_2O_3 , it was impossible to lower the catalytic ability of the contact substance any further, and the conversion curve after this additional poisoning did not show any difference from the conversion curve of the catalyst poisoned with illuminating gas. An investigation of the catalyst revealed that it held only 0.450 g. or 2.2% As

calculated on the As_2O_3 passed. The small amt. of As_2O_3 retained by the catalyst may be explained by oxidation by the O_2 of the gas. It is shown that the conversion curve of the unpoisoned catalyst, as well as that of the catalyst poisoned only with As or only with another catalyst poison, and the curve of the catalyst which was preliminarily poisoned by another and then with the As poison, all cross at 580° , yielding about 91.5% of the theoretical conversion, indicating that the catalyst at the above temp., is working on quite different active centers and that its poisoning at the above temp. is actually not possible. The latter fact was confirmed expressly. A. A. Borchling

AD-154 METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND CODES

PROCESSES AND PROPERTIES INDEX

180 AND 4TH CODES

COMMON ELEMENTS

COMMON VARIANTS INDEX

CA

The regeneration of vanadium catalysts. I. E. Adadurov and P. P. Pyshin. *J. Chem. Ind. (Moscow)* 1933, No. 9, 33-40. -- Finely ground Sn-V catalyst on a zeolite base is extd. with 80% H₂SO₄; 22% acid may be used, but extn. is then less efficient. Not more than 76% of the V is dissolved. About 22% more can be recovered by converting the residual SiO₂ to water glass. The catalyst must be freshly prepd. from the V thus recovered.

H. M. Leicester

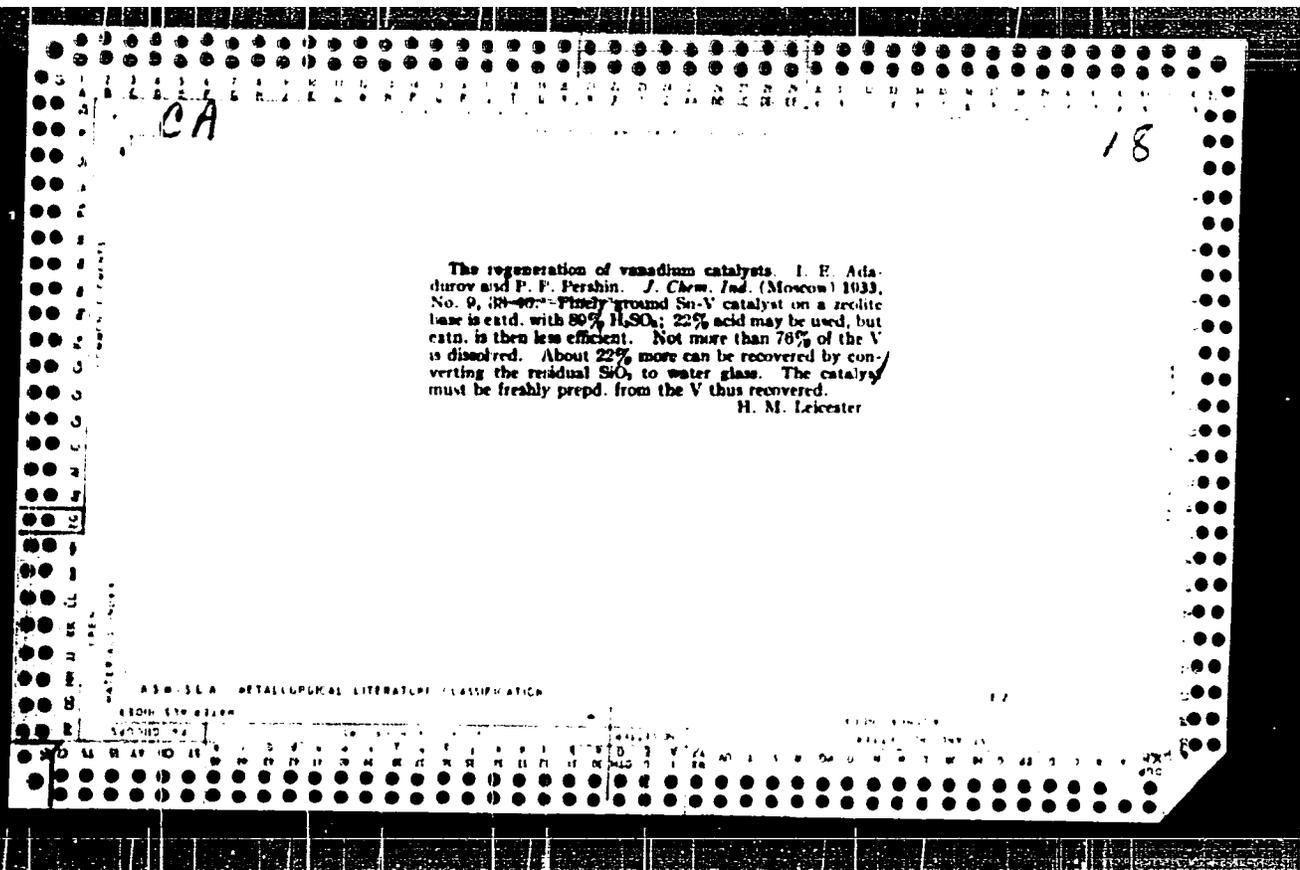
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND CODES

3RD AND 4TH CODES

COMMON ELEMENTS

COMMON VARIANTS INDEX



ACC NR: AT7008333

(A)

SOURCE CODE: UR/3243/66/000/003/0113/0119

AUTHOR: Volkov, V. G.; Pershin, P. P.; Simbirskiy, D. F.

ORG: Kharkov Aviation Institute (Khar'kovskiy aviatsionnyy institut)

TITLE: On analysis of possible methods for measuring temperature in the working chamber of a rotary-piston engine

SOURCE: Kharkov. Politekhnicheskii institut. Dvigateli vnutrennego sgoraniya, no. 3, 1966, 113-119

TOPIC TAGS: rotary piston engine, temperature measurement, conductive heat transfer

ABSTRACT: The authors discuss possible methods for eliminating dynamic errors in measurement of compression temperature during cold cranking of rotary-piston engines at close to operating speeds. The following three problems are considered: 1. Evaluation of dynamic errors in using resistance thermometers with minimum diameters. 2. Finding the optimum modification of the double-bulb method. 3. Determination of the possibility for using electronic correcting equipment with available data on the variation in the heat transfer coefficient α during the cold cranking cycle. A model of a rotary-piston engine was studied at crankshaft speeds of 1500 to 3000 rpm. Tungsten resistance thermometers measuring 0.01 and 0.025 mm in diameter were used. The arrangement of the thermometers is shown in Figure 1. Temperature and pressure were

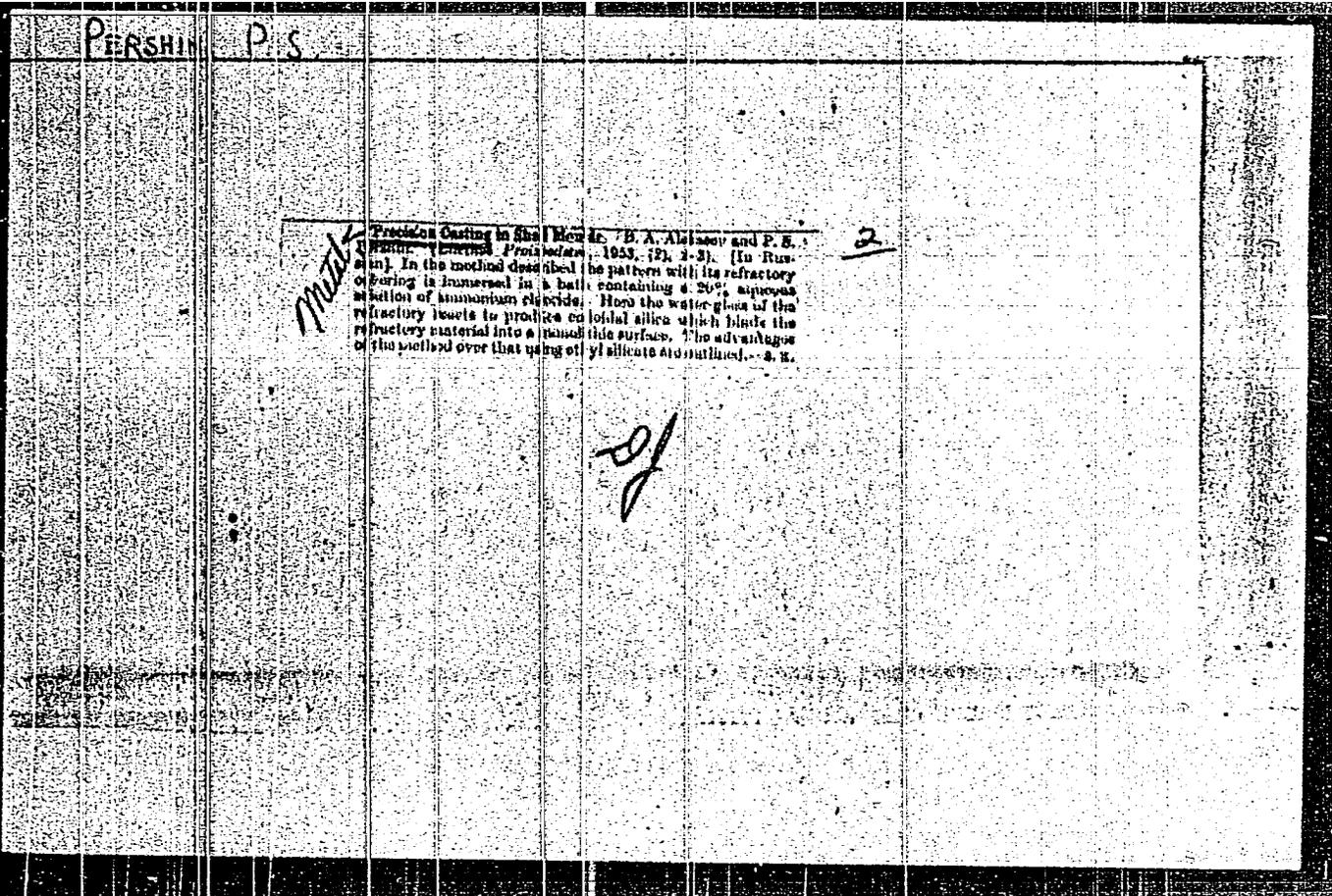
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ACC NR: AT7008333

measured at points A and B. The double-bulb temperature pickup is shown in Figure 2. The resultant experimental data are used as the basis for recommendations on measuring rapidly changing temperatures by methods most suited to the conditions in rotary-piston engines. Measurements with isolated pickups may be made with an error of 8-10% when the thermometer is 0.01 mm in diameter and 25-30% when the diameter is 0.025 mm. The heat transfer coefficient α must be known for exact determination of the error. The coefficient of heat transfer between the thermometer pickup and the working medium varies over wide limits during the cycle which makes a simple electronic correction method inapplicable. The most suitable method for highly accurate temperature measurements is the use of two pickups, one being heated by maximum permissible current. Heating current should not be reduced since this results in scatter of observed temperature. It is found that the use of temperature pickups with different diameters may introduce distortions in the results. Orig. art. has: 5 figures, 4 formulas.

SUB CODE: 20 21 SUBM DATE: None/ ORIG REF: 007/ OTH REF: 001

Card 3/3



FERSHIN, Pavel Sergeevich; MYSHALOV, S.V., inzh., retsenzent;
DUGINA, N.A., tekhn. red.

[Cast tools] Litoi instrument. Moskva, Mashgiz, 1962. 191 p.
(Steel castings) (Tools) (MIRA 15:6)

REVIS, I.A., kandidat tekhnicheskikh nauk; KVATER, I.S., kandidat tekhnicheskikh nauk; ARTEM'YER, V.F., inzhener; PERSHIN, P.S., inzhener.

Cracks in high-speed steel castings and methods of preventing this defect. Vest.mash.27 no.11:39-45 N '47. (MLRA 9:4)
(Steel castings--Defects)

PERSHIN, P. S., jt. au.

Progressive practice in the preparation of cast tools Sverdlovsk, Gos. nauchno-tekhn. izd-vo mashinostroit. i sudostroit. lit-ry Uralo-Sibirskoe otv-nie 19'3. 38 p. (28 peredovoe, novoe, progressivnoe) (55-15437)

TS230.A485

1. Founding. 2. Metal-cutting tools. I. Pershin, P.S. jt. au.

Iershina, I. S., jt. au.

New developments in precision casting. Sverdlovsk, Gos. nauchno-techn. izd-vo mashinostroit. i sudostroit. lit-ry (Urals-Sibirskoe otdelenie) 1953. 46 p. (Za predovozhennoe, novoe, progressivnoe) (54-35050)

TS257.A4

1. Precision casting. I. Iershina, F.S., jt. au.

PERKINS, P.S.

V Precision Casting in Shell Molds (Made by the Investment Process). R. A. Conway and P. S. Perkins (*Aluminum Production*, 1966, (2), 2-3).—In this process depends on producing a refractory shell on a wax pattern by making use of the reaction: $\text{Na}_2\text{SiO}_3 + \text{NH}_4\text{Cl} = \text{NH}_3 + \text{SiO}_2 + \text{H}_2\text{O}$ and is carried out in the following sequence. Water-glass is diluted with water to sp. gr. 1.4 and 30% of 1% aq. soln. of NH_4Cl is added. Gelling of SiO_2 is prevented by adding 1-3% NH_4Cl . The wax pattern is first immersed into a mixture contg. 88-93% marshmallow and 12-13% prepared water-glass, and then for 2 min. into 2% aq. NH_4Cl . This is repeated 3-5 times to obtain sufficient thickness of shell. The pattern is dissolved out in 1% aq. NH_4Cl at 20°-25° C., and the shell cleaned in hot 10% aq. HCl , followed by a water rinse. The shell is then dried out and baked (if necessary) with sand for casting.—V. K.

MG

of Perkins

ALIKSEYEV, B.A.; PERSHIN, P.S.; DUGINA, N.A., tekhnicheskiiy redaktor.

[Progressive practice in the preparation of cast tools] Peredovoi
opyt v izgotovlenii litogo instrumenta. Moskva, Gos. nauchn.-tekhn.
izd-vo mashinostroitel'noi i sudostroitel'noi lit-ry, 1953. 33 p.
(Founding) (Cutting tools) (MIRA 7:8)

REVIS, I.A.;KVATER, I.S., Engineer; ARTEM'YEV, V.F., Engineer; PERSHIN, P.S.,
Engineer

Mbr., Uralmash Plant (-1945-)

"The Technology of Making Cast Tools at the Uralmash Plant," Stanki i Instrument,
16, No. 3, 1945

Foundry Practice

B.T.R.

5157* Production of Quality Cast Tools. (In Russian) P
S. Pershin and B. A. Alekseyev. *Stanki i Instrumenty* 22, Apr
1951, p. 22-23.
The casting of special high speed steel tools is described and
discussed.

PERSHIN, P.N., akademik, red.; TERESHCHENKO, N.I., red.; ZUBRILINA,
Z.P., tekhn.red.

[Indivisible assets of collective farms] Nedelime fondy
kolkhozov. Pod red. P.N.Pershina. Moskva, Gos.izd-vo sel'khoz.
lit-ry, 1960. 421 p. (MIRA 13:12)

1. Akademiya nauk USSE, Kiyev. Institut ekonomiki. 2. Akademiya
nauk Ukrainskoy SSR (for Pershin).
(Collective farms--Finance)

SPIVAK, M.S., glavnyy red.; BELOZUB, V.G., red.; VASILENKO, P.M., red.;
 ZORIN, I.G., red.; IL'CHENKO, I.K., red.; KOVAL', A.G., red.;
 KRYLOV, A.P., red.; PUKHAL'SKIY, A.V., red.; SIDORENKO, A.P.,
 red.; FEDCHENKO, A.N., red.; ANGELINA, P.N., red.; BUZANOV, I.F.,
 red.; BOYKO, D.V., red.; BURKATSKAYA, G.Ye., red.; VASILENKO, A.A.,
 red.; VLASYUK, P.A., red.; GORODNIY, N.G., red.; DEMIDENKO, T.T.,
 red.; DUBKOVETSKIY, P.J., red.; KIRICHENKO, F.G., red.; LITOVCHENKO,
 G.P., red.; OZERNYY, M.Ye., red.; ~~PERSHIN, P.N.~~, red.; POPOV, F.A.,
 red.; POSMITNYY, M.A., red.; PSHENICHNYY, P.D., red.; RADCHENKO,
 B.P., red.; ROMANKENKO, I.N., red.; RUBIN, S.S., red.; SAVCHENKO,
 M.Kh., red.; SOKOLOVSKIY, A.N., red.; TSYBENKO, K.Ye., red.;
 KOVAL'SKIY, V.F., tekhn.red.

[Practical collective farm encyclopedia] Kolkhoznaya proizvodstven-
 naya entsiklopediya. Izd. 2-oe, perer. i dop. Kiev, Gos. izd-vo
 sel'khoz. lit-ry USSR. Vol.2. Malina-Iashchur. 1957. 923 p.
 (Agriculture--Dictionaries) (MIRA 11:4)

GORSHKOV, Oleg Andreyevich; VOLPYANSKIY, L.M., inzh., red.; PERSHIN, P.S.,
inzh., rezensent; DUGINA, N.A., tekhn.red.

[Precision casting] Lit'e po vyplavlisemym modeliam. Pod red.
L.M.Volpianskogo. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.
lit-ry, 1960. 43 p. (Nauchno-populiarnais biblioteka rabochege-
liteishchika, no.10). (MIRA 14:4)
(Precision casting)

ALEKSEYEV, V.A. ; PERSHIN, P.S.

[New developments in precision casting] Novoe v tochnom lit'e.
Sverdlovsk, Gos.nauchno-tekhn.izd-vo mashinostroit.i sudostroit.
lit-ry [Uralo-Sibirskoe otd-nie] 1953. 46 p. (Za peredovoe novoe
progressivnoe). (MLRA 7:3)
(Precision casting)

ALIKSBEY, B. A., PERISHEN, P. S.

Founding

Accurate castin. in shell forms. Lit. proizv. No. 11, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

PERISHIN, Pavel Sargayevich; MYSHALOV, S.M., inzhener, retsenzent; DUGINA,
E.A., tekhnicheskiy redakter.

[Technology of precision casting; from the experience of the Ural
Machine Factory] Tekhnologiya technogo lit'ia; iz opyta uralmash-
saveda. Moskva, Gos.nauchno-tekhn. izd-vo mashinostroit. lit-ry,
1955. 135 p. (Precision casting) (MIRA 9:6)

Pershin, Pavel Sergeyevich

REF
1. 1. 2.

Technologiya Tschernykh Lit'ev; in O. G. ...
(The Technology of Acoustic ...)
Sverdlovsk, ...

Ph.D. Thesis, ...

Literatura: P. (13.)

PRESHIN, S., inzhener.

Turbine on wheels. Znan.sila 31 no.5:10-13 My '56. (MLRA 9:8)
(Locomotives)

PERSHIN, Serafim Aleksandrovich (1927-), udarnik komunisticheskogo truda; MASHKINA, A., red.; SHLYK, M., tekhn. red.

[Without manual labor] Bez ruchnogo truda. Moskva, Mosk. rabochii, 1962. 22 p. (MIRA 15:7)
(Orehovo-Zuyevo District--Farm mechanization)

ZOLOTARSKIY, Aleksey Federovich; VERSHINSKIY, Sergey Vasil'yevich;
YERASHKOV, Oleg Petrovich; IVASHCHENKO, Georgiy Ivanovich;
SHESTYAKOV, Vladimir Nikolayevich; CHERNYCHEV, Mikhail
Andreyevich, prof.; PERSHIN, S.P., red.

[Railroad tracks and rolling stock for high speed traffic
conditions] Zhелеznodorozhnyy put' i podvizhnyy sostav dlia
vysokikh skorostei dvizhenia. Moskva, Transport, 1961.
271 p. (KIEA 18:10)

FRISHIN, S.P., kand. tekhn. nauk

Purpose of tolerances in gauge maintenance. Part 1 part. 9
no. 6:37-38 '65. (MIRA 18:6)

PPHSHIN, S.P., kand.tekhn.nauk

Urgent problems of standardization rails. Zhel.dor.transp. 47
no.4:67-69 Ap '65. (MIRA 186)

PERSHEN, S.P., kand. ekon. nauk

Determining the forces needed for the raising of the track (locomotive) taking the action of longitudinal forces into account. Izudy M.M.T. no. 177, 165-176. '63. (MIRA 17:10)

PER-HIN, S.M., kand. tekhn. nauk

Taking into account an important source material, Publ. in Russian, P
no. 02912013 '86. (MIRA) 1986

PERSHIN, S.P.

[Methodology for the design and calculation of switches;
methodological text book "Railroad track" by Professor G.M.
Shakhuniants)] Metodika rascheta strelochnykh peregodov; me-
todicheskoe posobie po kursovomu proektirovaniu (k uchebniku
prof. G.M.Shakhuniantsa "Zheleznodorozhnyi put"). Moskva,
Mosk. in-t inzhenerov zhel-dor. transp., 1962. 58 p.
(MIRA 17:4)

PERSHIN, S. P., kand. tekhn. nauk

Continuous rail tracks on the railroads of the Federal German
Republic. Zhel. dor. transp. 45 no.1:92-96 Ja '63.
(MIRA 16:4)

(Germany, West--Railroads--Track)

PERSHIN, S.P., kand.tekhn.nauk

Methods for analyzing the stability of continuous rail tracks.
Trudy MIIT no.147:28-97 '62. (MIRA 16:5)
(Railroads--Track)

AL'BREKHT, V.G., doktor tekhn.nauk; PERSHIN, S.P., kand.tekhn.nauk;
SHUL'GA, V.Ya., kand.tekhn.nauk

Expanding the zones for the laying of continuous tracks.
Zhel.dor.transp. 44 no.5:43-47 My '62. (MIRA 15:5)
(Railroads--Track)

PERSHIN, S.P., kand.tekhn.nauk

Experimental study of the stability of tracks with continuous
rails. Zhel,dor.transp. 44 no.3:82-88 Mr '62. (MIRA 15:3)
(Railroads--Track)

PERSHIN, S.P., kand.tekhn.nauk

Determining the strains in the surfacing of continuous tracks.
Put' 1 put.khoz. 6 no.11:36-37 '62. (MIRA 16:1)
(Railroads--Track) (Strains and stresses)

PERSHIN, S.P., kand.tekhn.nauk

Method of a staged utilization of used rails. Put i put.khoz. 6 no.6:
46-47 '62. (MIRA 15:7)

(Railroads--Rails)

PERSHIN, S.P., kand.tekhn.nauk

"Stiffness" of the rail-tie skeleton and its effect on the
stability of the track. Vest.TSNII MPS 21 no.3:28-30 '62.
(MIRA 15:5)

1. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta.
(Railroads--Track)

PERSHIN, S.P., kand. tekhn. nauk

Temperature difference of rails and air. Vest. TSNII MPS 24 no. 5:13-16
'65. (MIRA 18:9)

1. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta.

PERSHIN, S.P., kand.tekhn.nauk

Increasing the stability of the continuous track. Zhel. dpr. transp.
43 no. 37:40 J1 '61. (MIRA 14:7)
(Railroads—Track)

LAYKO, Nikolay Vasil'yevich; LAMIN, Fedor Grigor'yevich; OSIPOV, M.I.,
inzh., retsenzent; PERSHIN, S.P., inzh., red.; USENKO, L.A., tekhn.
red.

[Laying and maintenance of continuous track; experience of the
track workers of the White Russian Railroad] Ukladka i sodержanie
besstykovogo puti; opyt puteitsev Belorusskoi dorogi. Moskva, Vses.
izdatel'sko-poligraf. ob"edinenie M-va putei soobshchenia, 1961.

32 p. (MIRA 14:10)

1. Zamestitel' nachal'nika 13-y distantsii puti Belorusskoy dorogi (for
Layko). 2. Glavnyy inzhener putevoy mashinnoy stantsii no.71 Belorus-
skoy dorogi (for Lamin).

(Railroads--Track)

PERSHIN, S.P., inzh.

Organizing the assembly of rail lengths. Put' i put.khoz.5
no.2:48 F '61. (MIRA 14:3)

(Sweden—Rails)

PERSHIN, S. P., Cand Tech Sci -- (diss) "Methods of calculation of the stability of temperature-stressed track and means of increasing stability." /Moscow/, 1960. 23 pp with graphs; (Moscow Order of Lenin and Order of Labor Red Banner Inst of Railroad Transport Engineers in I. V. Stalin, Chair of "Tracks and Track Economy of Railroads"); 170 copies; price not given; (KL, 17-60, 157)

PERSHIN, S.P., inzh.

Mechanical laying of long rails. Put' i put.khoz. 4 no.10:
47-48 0 '60. (MIRA 13:9)

(Railroads--Rails)

PERSHIN, S.P., inzh.

Determining the displacement of the end section of rail lengths
on a continuous track. Vest.TSNII MPS 19 no.6:52-54 '60.

(MIRA 13:9)

1. Moskovskiy institut inzhenerov zheleznodorozhnogo transporta
im. I.V. Stalina.

(Railroads--Rails)

PERSHIN, S.P., inzh.

Ballast resistance to displacement and means of reinforcing
temperature-stressed track against loss of stability. Trudy MIIT
no.111:126-136 '60. (MIRA 13:11)
(Railroads--Track)

IVANOVA, R.M.; ASHRAFI, R.I.; BURIKOVA, Ye.M.; VITFENBERG, Z.V.;
ZARETSKAYA, A.R.; NAZAR'YEVA, M.S.; RAFIYENKO, D.V.; BURAKOVA,
G.Ye.; KUTSENKO, I.T.; KAS'YANOVA, Ye.M.; PERSHIN, S.P., inzh.

Observations on the stability of track. Put' 1 put.khoz.
no.10:6-7 0 '59. (MIRA 13:2)

1. Studenty Moskovskogo instituta inzhenerov zheleznodorozh-
nogo transporta (for all except Pershin).
(Railroads---Track)

PERSHIN, S. inzh.

Track with continuous welded rails. Tekh.mol. 28 no.5:27 '60.
(MIRA 13:7)

(Railroads--Rails)

PERSHIN

PERSHIN, S.P., inzh.

How to strengthen ballast cross sections. Put' i put. khoz. no.10:
38-39 0 '57. (MLRA 10:11)

(Ballast (Railroads))

PERSHIN, S.P., kand. tekhn. nauk

Simplified geometric calculation of switches and some of
their parameters. Trudy MIIT no.21C:8-19 '65.

(MIRA 19:12)

PERSHIN, S., inzhener.

Ballast distributor cars for railroad track maintenance. Tekh. mol.
25 no.3:19-21 Mr '57. (MIRA 10:6)

(Railroads--Cars)

(Ballast)

PERSHIN, S., inzhener.

Durability, economy, speed. Tekh.mol.24 no.1/2:26-29 Ja-F '56.
(Building, Iron and steel) (MIRA 9:7)

AL'EREMIT, Vladimir Georgiyevich, doktor tekhn. nauk, prof.;
LYASHCEENKO, Vasilii Nikolayevich, kand. tekhn. nauk,
dots.; PERSHIN, Sergey Petrovich, kand. tekhn. nauk,
dots.; KUROVA, A.V., red.; KLEYMAN, L.G., tekhn. red.

[Continuous track and continuous welded rails] Besstykovoi
put' i dlinnye rel'sy; uchobnoe posobie. [By] V.G.Al'brekht
i dr. Moskva, Vziit, 1963. 213 p. (MIRA 17:1)
(Railroads--Track) (Railroads--Rails--Welding)

BOGOSLOVSKIY, Vyacheslav Aleksandrovich, inzh.; PERSHIN, Sergey
Petrovich, inzh.; RAK, S.M., kand.tekhn.nauk, red.; KHITROV, P.A.,
tekhn.red.
[Rubble and gravel plants in the railroad transportation system]
Shchebenochnye i graviinye zavody na zheleznodorozhnom transporte.
Moskva, Gos.transp.zhel-dor. izd-vo, 1958. 326 p. (MIRA 11:12)
(Sand and gravel plants)

PERSHIN, S.P., inzh.

Designing rails for strength. Vest.TSNII MPS 18 no.3:16-20
My '59. (MIRA 12:8)

(Railroads--Rails)

FERSHIN, S.P., inzh.

Stability problems with continuous rails. Zhel.dor.transp. 41
no.6:47-50 Je '59. (MIRA 12:9)
(Railroads--Rails)

L 26501-66 EWP(m)/EPF(n)-2/EWA(h)/EWT(1)/EWT(m)/EWA(d) WH/JD/JG
ACC NR: AP6011499

SOURCE CODE: UR/0414/65/000/004/0003/0009

AUTHOR: Dremin, A. N. (Moscow); Pershin, E. V. (Moscow); Pogorelov, V. P. (Moscow)

ORG: none

TITLE: Structure of shock waves in KCl and KBr under dynamic compression to 200,000 atm.

SOURCE: Fizika gorennya i vzryva, no. 4, 1965, 3-9

TOPIC TAGS: potassium chloride, potassium bromide, shock wave structure, compression shock wave, shock wave velocity, phase transition

ABSTRACT: To compare the dynamic compressibility of KCl and KBr with the static compressibility and to obtain additional data on the kinetics of the phase transition under shock compression, the authors measured the shock adiabat of the substances by an electromagnetic method for measuring the mass velocity of the material behind the front of the shock wave, developed by Ye. K. Zavoyskiy in 1948 (V. M. Zaytsev et al., Dokl. AN SSSR, 1960, v. 132, 1339). In this method the velocity is determined by the voltage induced in a thin aluminum foil moving with the substance and crossing flux lines of an external magnetic field. Most experiments were carried out at pressures of 37.5×10^9 bar in the case of KCl and 45.0×10^9 bar in the case of KBr. The procedure for plotting the velocity diagrams is briefly described. The shock wave velocity was found to be 3.20 ± 0.02 km/sec for KCl and 2.79 ± 0.02 km/sec for KBr. The corresponding mass velocities

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UDC: 532.593

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ACC NR: AF6011499

0.31 ± 0.01 for both substances. The results show that at the point of polymorphic transformation the compressibility parameters obtained under static and dynamic conditions are nearly the same, indicating that the transformation does not depend on the length of time during which the required pressure is applied. It is deduced from the slope of the second shock wave that the phase transformation occurs very rapidly, within not more than 0.2 μsec at pressures on the order of 40 x 10⁹ bar. Orig. art. has: 8 figures, 1 formula, and 2 tables.

SUB CODE: 20/ SUBM DATE: 24Feb65/ ORIG REF: 005/ OTH REF: 001

Card 2/2 cc

PERSHIN, S.V., kand.tekhn.nauk

Modern means of hydrodynamic testing. Sudostroenie 29 no.4: 1961. (MIRA 16:4)

(Hydrodynamics)

(Ship models)

ADADUROV, G.A. (Moskva); DREMIN, A.N. (Moskva); PERSHIN, S.V. (Moskva);
RODIONOV, V.N. (Moskva); RYABININ, Yu.N. (Moskva)

Shock wave compression of quartz. PMTF no.4:81-89 J1-Ag '62.
(MIRA 16:1)
(Shock waves) (Compressibility) (Quartz)

NUMEROV, S.N., dots., kand.tekhn.nauk; PERSHIN, S.V., kand.tekhn.nauk

Theoretical determination of the inclination angle and compression coefficient of a lateral jet. Izv.VNIIG 50:58-70
'53. (MIRA 12:3)

(Fluid mechanics)

PERSHIN, S.V.

PERSHIN, S.V. (Leningrad)

Study of currents in cases of divided pressure flow. Izv.AE SSSR
Otd.tekh. nauk no.10:173-174 0 '54. (MIRA 8:3)
(Fluid dynamics)

BRYKIN, L., mashinist pod'yema; DEMIN, B., krepil'shchik; PERSHIN, V.,
slesar'; YAS'KO, Ya., gornyy master; VIGDERGAUZ, I.; KRYLOVSKAYA, I.

New living quarters, old mistakes. Sov.shakht. 10 no.4:34-35
Ap '61. (MIRA 14:9)

1. Redaktor shakhtnoy gazety "Slava Rodine" (for Vigdergauz).
2. Korrespondent zhurnala "Sovetskiy shakhter" (for Krylovskaya).
(Housing)

AZIMOV, G.I., prof., doktor sel'skokhozyaystvennykh nauk, zasluhen-
nyy deyatel' nauki RSFSR; PERSHIN, V.A., aspirant

An important aspect of butterfat content. Zhivotnovodstvo
21 no.3:76-78 Nr '59. (MIRA 12:4)
(Butterfat)

AZIMOV, G.I., doktor sel'skokhozyaystvennykh nauk, prof., zasluzhennyy deyatel'
nauki; PERSHIN, V.A., aspirant

Once more on an important problem to be considered in increasing the
butterfat percentage of milk. Zhivotnovodstvo 21 no.11:81-82 N '59
(Thyroid gland) (Butterfat) (MIRA 13:3)
(Dairy cattle--Feeding and feeding stuffs)

PERSHIK, V. A.

Dissertation defended at the Institute of Physiology Ireni I. Pavlov
for the academic degree of Candidate of Biological Sciences: 1962

"Butterfat Content and Its Regulation (Significance of the Thyroid Gland
of the Adenohypophysis and Fermentive Processes)."

Vestnik Akad Nauk, No. 4, 1963, pp. 119-145

BLOKHIN, I.Ye., inzhener; DOLBENKO, Ye.T., inzhener; YEMEL'YANOV, V.I.,
inzhener; PRISHIN, V.A., tekhnik.

Use of easily removable heads on large steel castings. Lit.proizv.
no.12:24-25 D '55. (MLRA 9:3)

(Founding)

ACC NR: AP6025583 (N) SOURCE CODE: UR/0413/66/000/013/0011/0012

INVENTOR: Soyfer, A. M.; Buzitskiy, V. N.; Pershin, V. A.

ORG: None

TITLE: A method for producing unwoven "MR" material from wire. Class 7, No. 183174

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 11-12

TOPIC TAGS: wire product, pressure casting

ABSTRACT: This Author's Certificate introduces a method for producing unwoven "MR" material from metal wire. This material is used for producing elements and parts used in damping systems, shock absorbers and seals. To ensure proper shape of parts and increase their elastic hysteresis properties, spiral sections of wire are crossed over and set in a die casting mold corresponding in shape and size to the finished product. These are then pressed at 500 kg/cm^2 and the pressure is increased depending on the desired elasticity of the finished product. Whenever it is required, an elastic anticorrosion filler is introduced under pressure.

SUB CODE: 13/ SUBM DATE: 27Jul60

Card 1/1

UDC; 672.85

PERSHIN, V.I., inzh.

Dynamic characteristics of a ventilating ball mill. Teploenergetika
11 no.8:71-74 Ag '64. (MIRA 18:7)

1. Institut avtomatiki Gosplana UkrSSR.

PERMAN, J. S.

Perman, J. S. - "Political and Economic Development in the Third World," *Journal of International Development*, Vol. 13, 1982, pp. 1-11.

OC: 1-4284, 14 August 83, *Journal of International Development*, Vol. 13, 1982.

PERSHIN, V.I., Inzh.; PETROV, V.M., Inzh.;
BULAVITSKIY, Yu.M., Inzh.

Control of the loading of ball mill...
rate. Elek. sta. 35 no. 872-8 Ag. 1961.

11/14

PERSHIN, V.I., inzh.

Protection of 110 to 220 kv. electric power transmission lines on
substations without current. Elek. sta. 32 no.2:79-81 P '61.

(MIRA 1:2)

(Electric power distribution)

(Electric protection)

LIPETS, A.U.; LAKHMANLOS, A.I.; YAKHILEVICH, F.M.; VIKHOREV, N.P.;
MAKAREVICH, I.Z., inzh.; NEYMAN, A.D., inzh.; PERSHIN, V.I., inzh.

Experience in redesigning the steam superheating control system
of operational high-pressure boilers produced by the Ordzhonikidze
Cent. Elek.sta. 32 no.6:72-78 Je '61. (MIRA 14:8)
(Boilers)

BERKOVICH, Mikhail Arnol'dovich; VAVIN, Viktor Nikolayevich; GOLUBEV, Mikhail L'vovich; NAZAROV, Yuriy Grigor'yevich; RIBEL', Normand Yevgen'yevich; SAVOST'YANOV, Aleksey Ivanovich; SEMENOV, Vladimir Aleksandrovich; DOROFEYEV, V.I., inzh., retsenzent; PESOCHIN, M.I., inzh., retsenzent; PERSHIN, V.I., inzh., retsenzent; ARTSISHEVSKIY, L.I., red.; GERR, A.D., red.; BORUNOV, N.I., tekhn. red.

[Manual on relay protection systems] Spravochnik po releinoi zashchite. [By] M.A. Berkovich i dr. Moskva, Gosenergoizdat, 1963. 512 p. (MIRA 16:9)
(Electric relays) (Electric protection)

PERSHIN, V.I. and VOZNESEVSKIY, A.I.
Krylov Ship Res Inst.

"Study of Ship Speed Decrease in Irregular Seas,"
paper submitted at Symposium on Behavior of Ships in a Seaway, Wageningen,
Netherlands, 7-16 Sep 57

BALAYEV, D.N.; BEZUKLADOV, V.F.; DERBYANKO, Yu.G.; IOFFE, A.F.; ISAKOV, I.S.;
MATES, H.V.; MOISEYEV, A.A.; NEGANOV, V.I.; NOVOZHILOV, V.V.;
PAVLENKO, G.Ye.; PERSHIN, V.I.; POPOV, V.P.; RETIVOY, V.S.

Seventy-fifth birthday of Academician Iulian Aleksandrovich
Shimanski. Sudostroenie 24 no.12:66-67 D '58.

(MIRA 12:2)

(Shimanski, Iulian Aleksandrovich, 1883-)

RUDAJS, J.; MUZIS, N., red.; MIKELSONS, V., tekhn. red.

["Rigas Jurmala"; a short guidebook] Rigas Jurmala. Riga, Latvijas
Valsts izdevnieciba, 1960. 98 p. [In Latvian] (MIRA 14:12)
(Rigas Jurmala--Description)

SHIMANSKIY, Yulian Aleksandrovich, akademik (1883-1962); PERSHIN, V.I., red.;
ARSYUTKIN, A.A., nauchn. red.; DOROFYUK, S.K.,
nauchn. red.; SBOROVSKIY, A.K., nauchn. red.; SHCHUKINA,
Ye.N., nauchn. red.; KLIORINA, T.A., red.; CHISTYAKOVA,
R.K., tekhn. red.; KOROVENKO, Yu.N., tekhn. red.

[Dynamic calculation of ship structures] Dinamicheski ras-
chet sudovykh konstruksii. Pod obshchei red. V.I. Pershina.
Leningrad, Sudpromgiz, 1963. 444 p. (MIRA 17:1)

IL'YEV, I.L., instruktor (Borisoglebsk); PERSHIN, V.T. (Borisoglebsk)

The party organization of a plant struggles for progress. Zhel.
dor.transp. 44 no.7:64-65 JI '62. (MIRA 15:8)

1. Voronezhskiy oblastnoy komitet Kommunisticheskoy partii
Sovetskogo Soyuzn (for Il'yev). 2. Sekretar' partiynogo byuro
Borisoglebskogo vagonoremontnogo zavoda (for Pershin).
(Communist Party of the Soviet Union—Party work)
(Railroads—Repair shops)

PERSHIN, Ya. N.

"Some phenomena at the surface of separation of alkali-halide crystals in additive colouring." by Ya. N. Pershin (p 347)

SO: Zhurnal Eksperimentalnoi i Teoreticheskoi Fiziki, 1953
Vol 24, #3